

FIG. 1

1	5	10										
ATG	GCT	CCA	ATG	ACT	CAG	ACT	ACT	TCT	CTT	AAG	ACT	TCT
Met	Ala	Pro	Met	Thr	Gln	Thr	Thr	Ser	Leu	Lys	Thr	Ser
	15						20					25
TGG	GTT	AAC	TGC	TCT	AAC	ATG	ATC	GAT	GAA	ATT	ATA	ACA
Trp	Val	Asn	Cys	Ser	Asn	Met	Ile	Asp	Glu	Ile	Ile	Thr
							30			35		
CAC	TTA	AAG	CAG	CCA	CCT	TTG	CCT	TTG	CTG	GAC	TTC	AAC
His	Leu	Lys	Gln	Pro	Pro	Leu	Pro	Leu	Leu	Asp	Phe	Asn
	40					45					50	
AAC	CTC	AAT	GGG	GAA	GAC	CAA	GAC	ATT	CTG	ATG	GAA	AAT
Asn	Leu	Asn	Gly	Glu	Asp	Gln	Asp	Ile	Leu	Met	Glu	Asn
			55					60				
AAC	CTT	CGA	AGG	CCA	AAC	CTG	GAG	GCA	TTC	AAC	AGG	GCT
Asn	Leu	Arg	Arg	Pro	Asn	Leu	Glu	Ala	Phe	Asn	Arg	Ala
	65					70				75		
GTC	AAG	AGT	TTA	CAG	AAT	GCA	TCA	GCA	ATT	GAG	AGC	ATT
Val	Lys	Ser	Leu	Gln	Asn	Ala	Ser	Ala	Ile	Glu	Ser	Ile
			80				85				90	
CTT	AAA	AAT	CTC	CTG	CCA	TGT	CTG	CCC	CTG	GCC	ACG	GCC
Leu	Lys	Asn	Leu	Leu	Pro	Cys	Leu	Pro	Leu	Ala	Thr	Ala
					95				100			
GCA	CCC	ACG	CGA	CAT	CCA	ATC	CAT	ATC	AAG	GAC	GGT	GAC
Ala	Pro	Thr	Arg	His	Pro	Ile	His	Ile	Lys	Asp	Gly	Asp
			105				110				115	
TGG	AAT	GAA	TTC	CGT	CGT	AAA	CTG	ACC	TTC	TAT	CTG	AAA
Trp	Asn	Glu	Phe	Arg	Arg	Lys	Leu	Thr	Phe	Tyr	Leu	Lys
						120			125			
ACC	TTG	GAG	AAC	GCG	CAG	GCT	CAA	CAG	ACC	ACT	CTG	TCG
Thr	Leu	Glu	Asn	Ala	Gln	Ala	Gln	Gln	Thr	Thr	Leu	Ser
	130											
CTA	GCG	ATC	TTT	TAA	TAA				(SEQ	ID	NO:	197)
Leu	Ala	Ile	Phe	END	END				(SEQ	ID	NO:	49)

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
P.T.S.M. 111		

FIG. 2

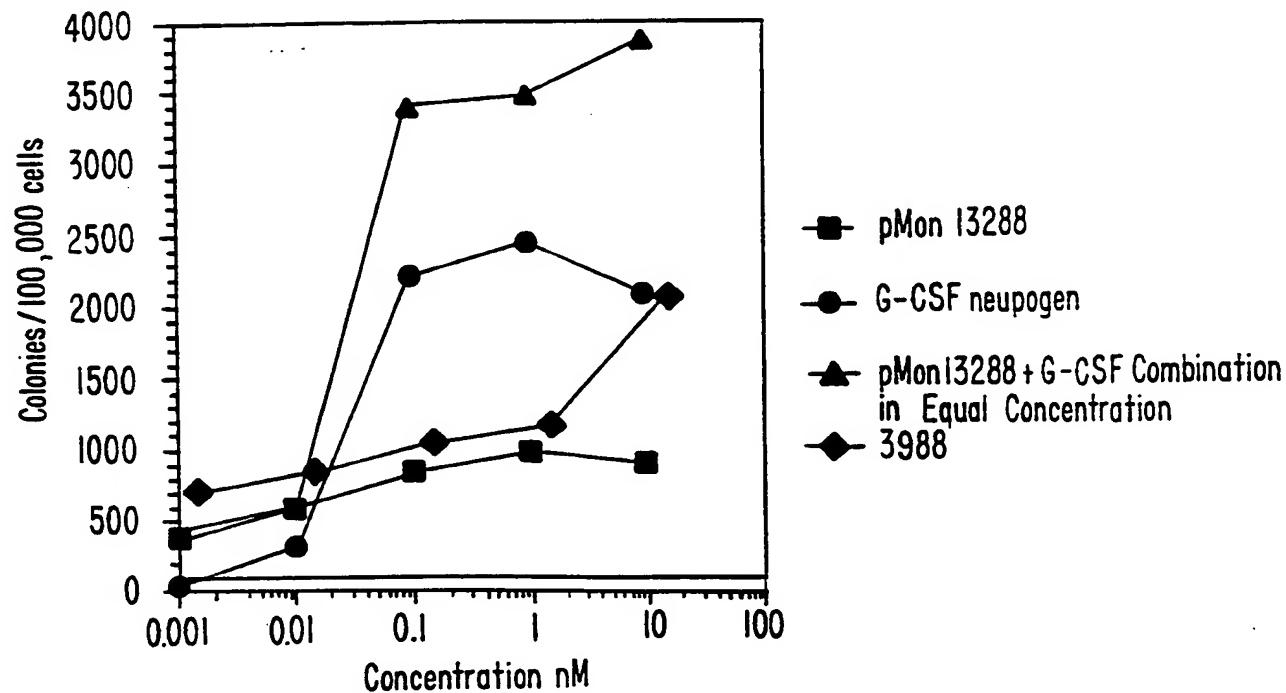


FIG. 3

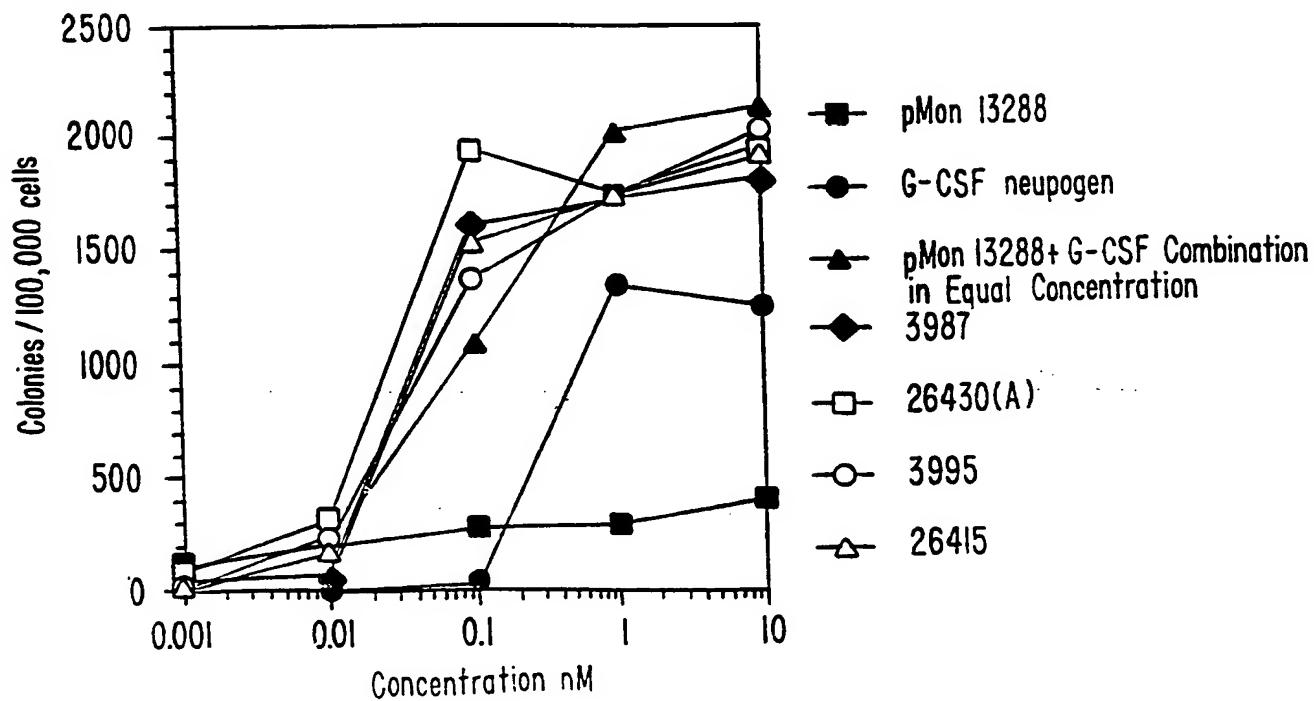
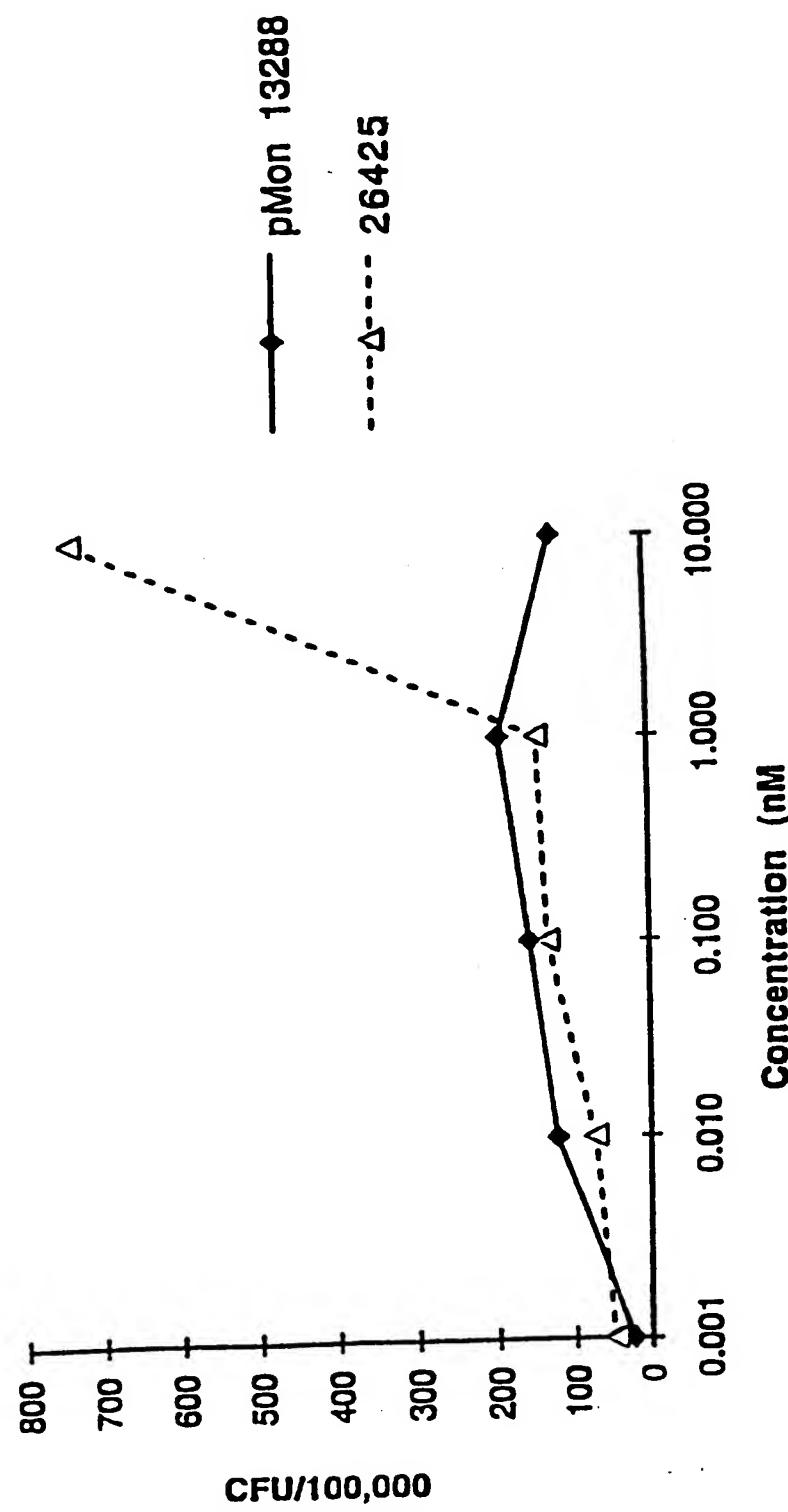
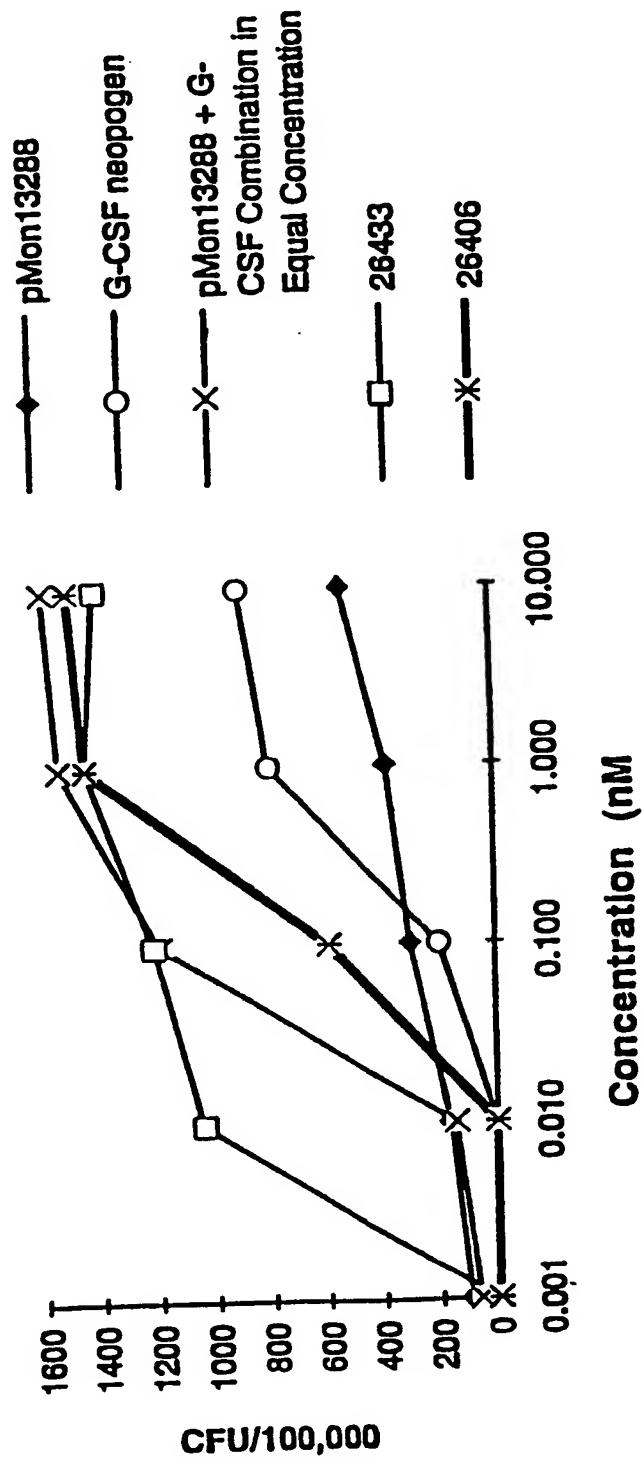


FIG. 4



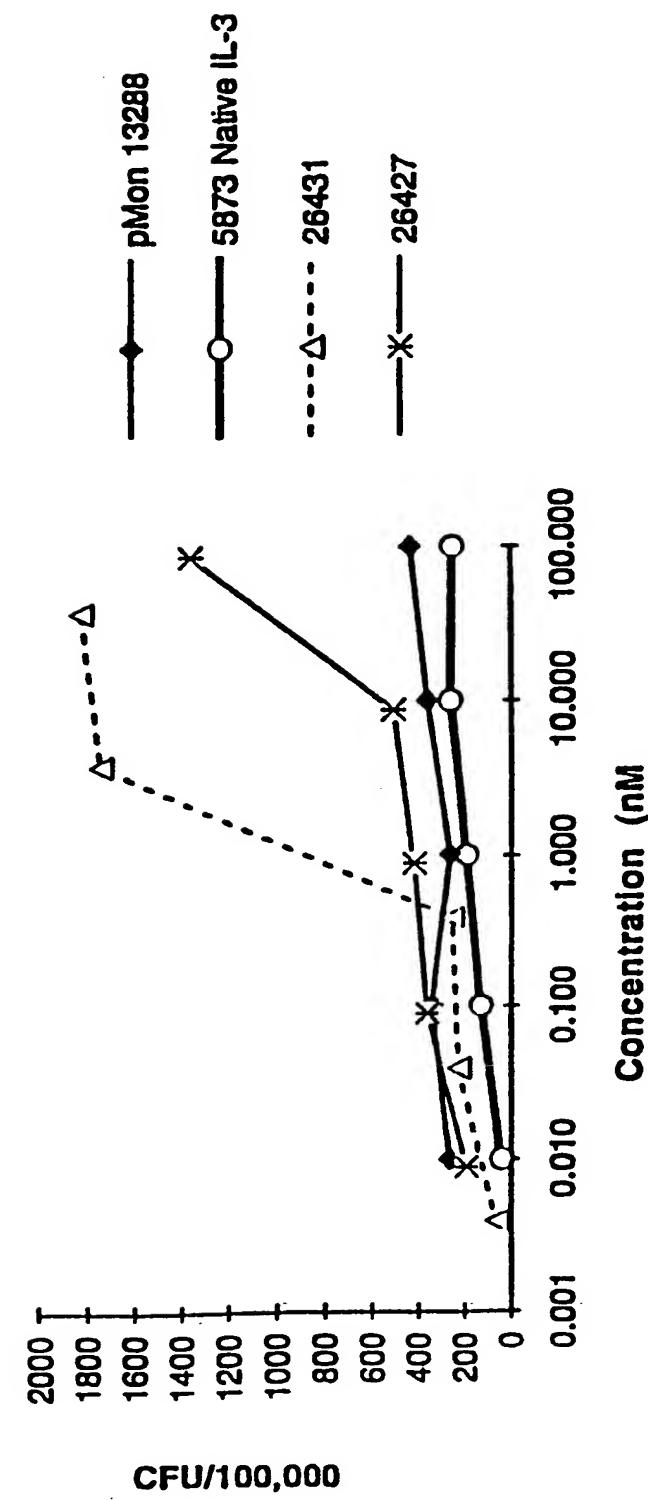
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DR. FTSMAN		

FIG. 5



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 6



10/08/2002
02/26/02
JC971 U.S. PTO

1 5 10
ATG GCT CCA ATG ACT CAG ACT ACT TCT CTT AAG ACT TCT
Met Ala Pro Met Thr Gln Thr Thr Ser Leu Lys Thr Ser

15 20 25
TGG GTT AAC TGC TCT AAC ATG ATC GAT GAA ATT ATA ACA
Trp Val Asn Cys Ser Asn Met Ile Asp Glu Ile Ile Thr

30 35
CAC TTA AAG CAG CCA CCT TTG CCT TTG CTG GAC TTC AAC
His Leu Lys Gln Pro Pro Leu Pro Leu Asp Phe Asn

40 45 50
AAC CTC AAT GGG GAA GAC CAA GAC ATT CTG ATG GAA AAT
Asn Leu Asn Gly Glu Asp Gln Asp Ile Leu Met Glu Asn

55 60
AAC CTT CGA AGG CCA AAC CTG GAG GCA TTC AAC AGG GCT
Asn Leu Arg Arg Pro Asn Leu Glu Ala Phe Asn Arg Ala

65 70 75
GTC AAG AGT TTA CAG AAT GCA TCA GCA ATT GAG AGC ATT
Val Lys Ser Leu Gln Asn Ala Ser Ala Ile Glu Ser Ile

80 85 90
CTT AAA AAT CTC CTG CCA TGT CTG CCC CTG GCC ACG GCC
Leu Lys Asn Leu Pro Cys Leu Pro Leu Ala Thr Ala

95 100
GCA CCC ACG CGA CAT CCA ATC CAT ATC AAG GAC GGT GAC
Ala Pro Thr Arg His Pro Ile His Ile Lys Asp Gly Asp

105 110 115
TGG AAT GAA TTC CGT CGT AAA CTG ACC TTC TAT CTG AAA
Trp Asn Glu Phe Arg Arg Lys Leu Thr Phe Tyr Leu Lys

120 125
ACC TTG GAG AAC GCG CAG GCT CAA CAG ACC ACT CTG TCG
Thr Leu Glu Asn Ala Gln Ala Gln Gln Thr Thr Leu Ser

130
CTA GCG ATC TTT TAA TAA [SEQ ID NO:144]
Leu Ala Ile Phe END END [SEQ ID NO:128]

FIG. 1

Figure 2

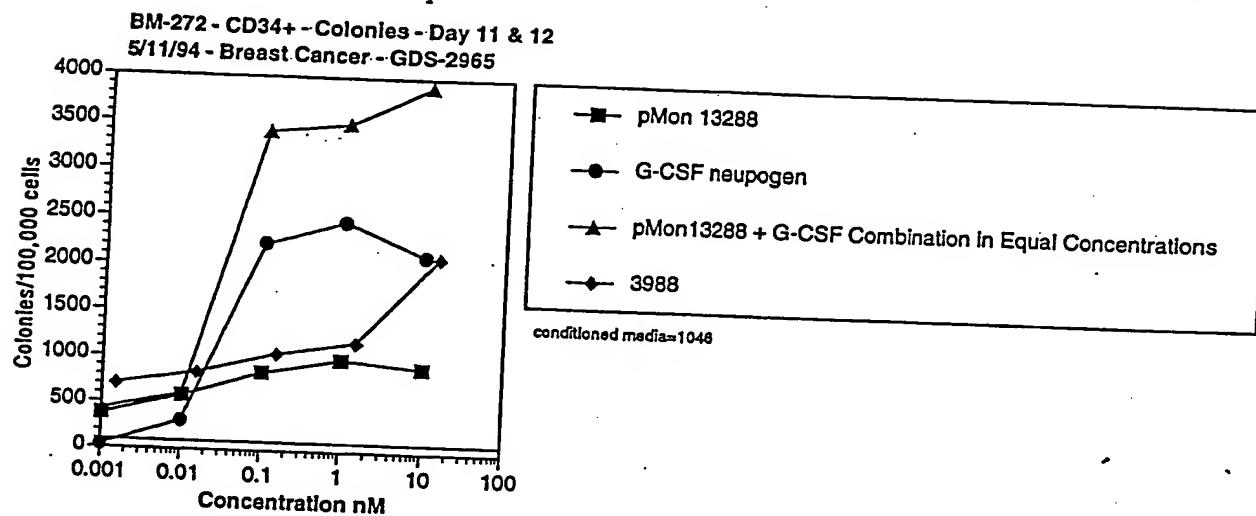


Figure 3

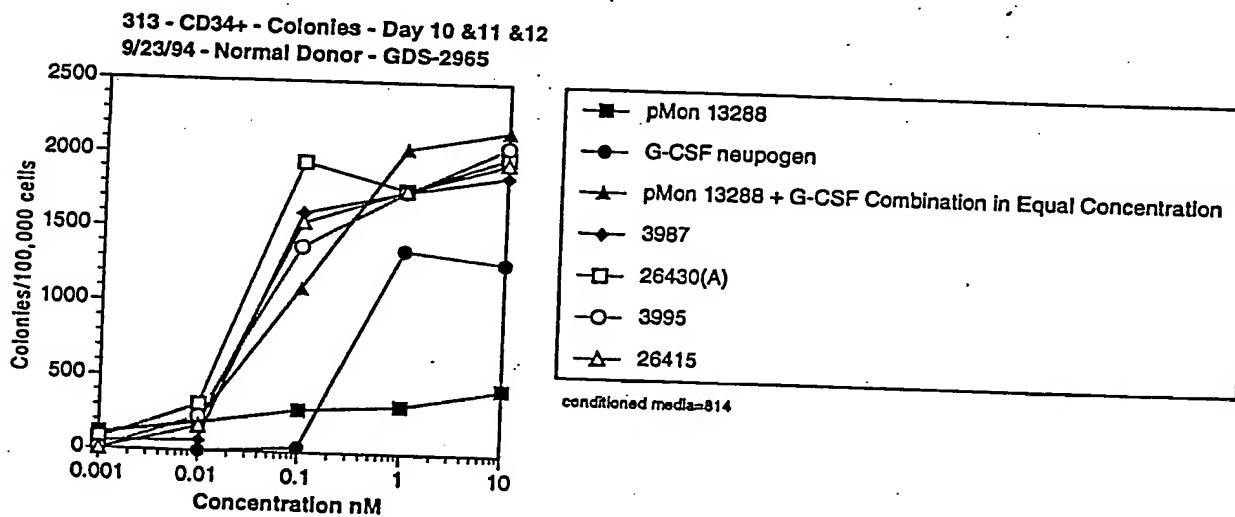


Figure 4

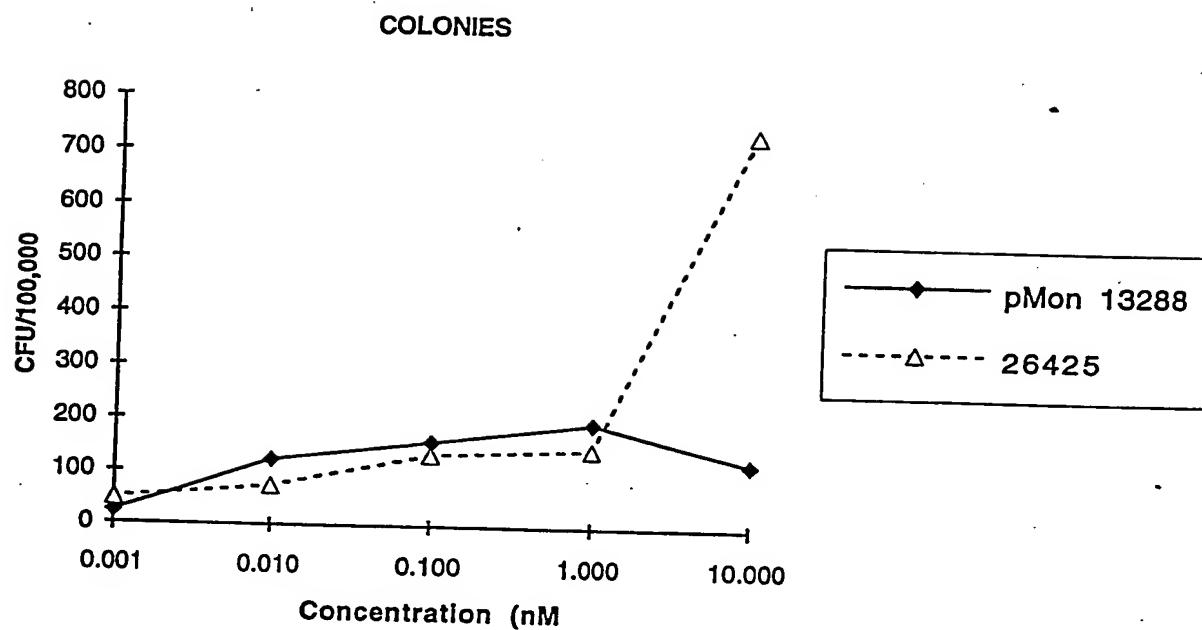


Figure 5

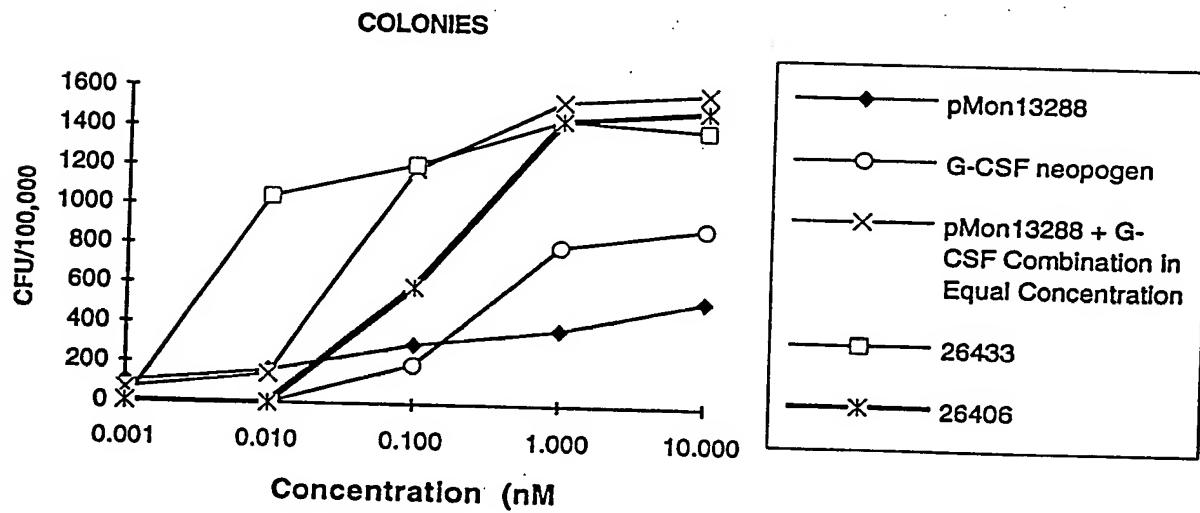


Figure 6

